

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Keren O. Perlmutter et al. Art Unit : Unknown  
Serial No. : 10/657,243 Examiner : Unknown  
Filed : September 9, 2003  
Title : REDUCTION OF DIFFERENTIAL RESOLUTION OF SEPARATIONS

Commissioner for Patents  
P.O. Box 1450  
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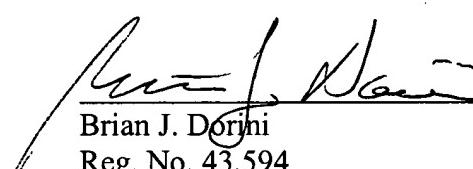
INFORMATION DISCLOSURE STATEMENT

Applicants submit the non-U.S. patent and non-U.S. patent publication references listed on the attached form PTO-1449.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: MARCH 8, 2004

  
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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06975-366001	Application No. 10/657,243
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) <small>(37 CFR §1.98(b))</small>		Applicant Keren O. Perlmutter et al.		
		Filing Date September 9, 2003	Group Art Unit	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2002/0106133	08/08/2002	Edgar et al.			
	AB	2002/0146171	10/10/2002	Chandrasekhar			
	AC	4,171,871	10/23/1979	Dill et al.			
	AD	4,285,004	08/18/1981	Morrison et al.			
	AE	4,320,414	03/16/1982	Miyaji et al.			
	AF	4,541,688	09/17/1985	Watt et al.			
	AG	4,641,244	02/03/1987	Wilson et al.			
	AH	4,783,591	11/08/1988	Sullivan			
	AI	4,849,914	07/18/1989	Medioni et al.			
	AJ	5,022,089	06/04/1991	Wilson			
	AK	5,023,815	06/11/1991	Wilson et al.			
	AL	5,414,782	05/09/1995	Carasso			
	AM	5,548,326	08/20/1996	Michael			
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	AY	6,393,160	05/21/2002	Edgar			
	AZ	6,400,996	06/04/2002	Hoffberg et al.			

Examiner Signature	Date Considered
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	BA	6,407,724	06/18/2002	Waldern et al.			
	BB	6,449,414	09/10/2002	Tahara et al.			
	BC	6,470,147	10/22/2002	Imada			
	BD	6,475,711	11/05/2002	Cook et al.			
	BE	6,477,279	11/05/2002	Go			

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	BF						
	BG						
	BH						
	BI						
	BJ						

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
	BK	Boult, T.E., and Wolberg, G., "Correcting Chromatic Aberrations Using Image Warping," <u>Proceedings of DARPA92</u> , pp. 363-377, 1992
	BL	Brown, Lisa G., "A Survey of Image Registration Techniques," <u>ACM Computing Surveys</u> , Vol. 24, No. 4, pp. 325-376, 1992
	BM	Li, H., et al., "A Contour-Based Approach to Multisensor Image Registration," <u>IEEE Transactions on Image Processing</u> , Vol. 4, No. 3, March 1995, pp. 320-334
	BN	Canny, John, "A Computational Approach to Edge Detection," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , Vol. PAMI-8, No. 6, November 1986, pp. 679-698
	BO	Srinivasan, S., et al., "mist: Multispectral Image Similarity Transformation," <u>LNK Home Page</u> , pp. 1-20, printed 12/12/2001
	BP	Spencer, G., et al., "Physically-Based Glare Effects for Digital Images," <u>SIGGRAPH 95 Conference Proceedings</u> , Annual Conference Series, ACM SIGGRAPH, August 1995, pp. 325-334
	BQ	Polikar, Robi, "Fundamental Concepts & an Overview of the Wavelet Theory," <u>The Wavelet Tutorial Part I</u> , Rowan University, College of Engineering Web Servers, June 5, 1996, 15 pages, reprinted from <a href="http://engineering.rowan.edu/~polikar/WAVELETS/Wtpart1.html">http://engineering.rowan.edu/~polikar/WAVELETS/Wtpart1.html</a> on 11/21/2002
	BR	Polikar, Robi, "Fundamentals: The Fourier Transform and the Short Term Fourier Transform," <u>The Wavelet Tutorial Part 2</u> , Rowan University, College of Engineering Web Servers, 17 pages, reprinted from <a href="http://engineering.rowan.edu/~polikar/WAVELETS/Wtpart2.html">http://engineering.rowan.edu/~polikar/WAVELETS/Wtpart2.html</a> on 11/21/2002
	BS	Polikar, Robi, "Multiresolution Analysis & the Continuous Wavelet Transform," <u>The Wavelet Tutorial Part III</u> , Rowan University, College of Engineering Web Servers, 28 pages, reprinted from <a href="http://engineering.rowan.edu/~polikar/WAVELETS/Wtpart1.html">http://engineering.rowan.edu/~polikar/WAVELETS/Wtpart1.html</a> on 11/21/2002

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	CA	Polikar, Robi, "Multiresolution Analysis: The Discrete Wavelet Transform," <u>The Wavelet Tutorial Part IV</u> , Rowan University, College of Engineering Web Servers, 10 pages, reprinted from <a href="http://engineering.rowan.edu/~polikar/WAVELETS/Wtpart1.html">http://engineering.rowan.edu/~polikar/WAVELETS/Wtpart1.html</a> on 11/21/2002
	CB	"The Wide Screen Time Machine: Mechanix Illustrated March 1939, How the Technicolor Camera Works," reprinted from <a href="http://www.widescreenmuseum.com/widescreen/mi-techcamera.htm">http://www.widescreenmuseum.com/widescreen/mi-techcamera.htm</a> , on 12/18/2002, 3 pages
	CC	"Technicolor," reprinted from <a href="http://www.everything2.com/index.pl?node=Technicolor">http://www.everything2.com/index.pl?node=Technicolor</a> , on 12/18/2002, 3 pages
	CD	Ball, J.A., "The Technicolor Process of Three-Color Cinematography," <u>Journal of Motion Picture Engineers</u> , Vol. XXV, No. 2, Aug. 1935, pp. 127-138
	CE	"Increased Demand for Digital Images," Digital ICE Applied Science Fiction, reprinted from <a href="http://www.asf.com/products/ice/FilmICEOverview.shtml">http://www.asf.com/products/ice/FilmICEOverview.shtml</a> on 4/15/2003, 2 pages
	CF	"Digital ICE - Film Scanner Technology," Digital ICE Applied Science Fiction, reprinted from <a href="http://www.asf.com/products/ice/FilmICEExample.shtml">http://www.asf.com/products/ice/FilmICEExample.shtml</a> on 4/15/2003, 2 pages
	CG	"Announcing the End of Dirty Images," Digital ICE Applied Science Fiction, reprinted from <a href="http://www.asf.com/products/ice/FilmICESpecs.shtml">http://www.asf.com/products/ice/FilmICESpecs.shtml</a> on 4/15/2003, 3 pages
	CH	"Digital ICE for Film Scanners: Frequently Asked Questions," Digital ICE Applied Science Fiction, reprinted from <a href="http://www.asf.com/support/scanners/FilmICEFAQs.shtml">http://www.asf.com/support/scanners/FilmICEFAQs.shtml</a> on 4/15/2003, 2 pages
	CI	"Automatically Eliminates Surface Defects," Digital ICE Applied Science Fiction, reprinted from <a href="http://www.asf.com/gallery/ice/film/">http://www.asf.com/gallery/ice/film/</a> on 4/15/2003, 1 page
	CJ	"Chromatic Aberration" reprinted from <a href="http://www.yorku.ca/eye/chraber.htm">http://www.yorku.ca/eye/chraber.htm</a> on 11/21/2002, 1 page
	CK	Askey, P., "Chromatic Aberrations," <u>DPRReview.Com</u> , ©1998-2001, reprinted from <a href="http://www.dpreview.com/learn/Glossary/Optical/Chromatic_Aberrations_01.htm">http://www.dpreview.com/learn/Glossary/Optical/Chromatic_Aberrations_01.htm</a> on 11/21/2002, 3 pages
	CL	"Chromatic Abberation," reprinted from <a href="http://hyperphysics.phy-astr.gsu.edu/hbase/geoopt/aber2.html">http://hyperphysics.phy-astr.gsu.edu/hbase/geoopt/aber2.html</a> on 11/21/2002, 3 pages
	CM	"Aberrations," reprinted from <a href="http://hyperphysics.phy-astr.gsu.edu/hbase/geoopt/aberrcon.html">http://hyperphysics.phy-astr.gsu.edu/hbase/geoopt/aberrcon.html</a> on 11/21/2002, 2 pages

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